

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. - 3. (Canceled)

4. (Previously Presented) A heat-protection wall for an exhaust-gas turbine, the exhaust-gas turbine having a turbine casing, a shaft rotatably mounted in a bearing housing, and a turbine wheel arranged on the shaft, and the heat-protection wall defining with the turbine casing an inflow passage leading to the turbine wheel, wherein the heat-protection wall has at least two seatings for centering the turbine casing relative to the shaft, a first seating of the at least two seatings being provided for resting on the bearing housing, and a second seating of the at least two seatings being provided for resting on the turbine casing; wherein at least one of the first or second seatings is designed as an encircling edge which is provided for resting on the bearing housing and/or the turbine casing;

wherein the first and second seatings are designed to be directed radially outwards.

5. (Canceled)

6. (Previously Presented) A heat-protection wall for an exhaust-gas turbine, the exhaust-gas turbine having a turbine casing, a shaft rotatably mounted in a

bearing housing, and a turbine wheel arranged on the shaft, and the heat-protection wall defining with the turbine casing an inflow passage leading to the turbine wheel, wherein the heat-protection wall has at least two seatings for centering the turbine casing relative to the shaft, a first seating of the at least two seatings being provided for resting on the bearing housing, and a second seating of the at least two seatings being provided for resting on the turbine casing; and

wherein slots are set into the heat-protection wall either in the region of the first seating or in the region of the second seating, which slots are provided for receiving centering lugs attached either to the bearing housing or to the turbine casing.

7. - 9. (Canceled)

10. (Previously Presented) A bearing housing for an exhaust-gas turbine, the exhaust-gas turbine having a turbine casing, a shaft rotatably mounted in the bearing housing, a turbine wheel arranged on the shaft, and a heat-protection wall which, in the exhaust-gas turbine, defines with the turbine casing an inflow passage leading to the turbine wheel, the heat-protection wall having means for centering the turbine casing relative to the shaft mounted in the bearing housing;

wherein the bearing housing, for centering the turbine casing via the heat-protection wall and relative to the shaft mounted in the bearing housing, has centering lugs which are provided for engaging in slots which are set into the heat-protection wall.

11. (Previously Presented) A bearing housing for an exhaust-gas turbine, the exhaust-gas turbine having a turbine casing, a shaft rotatably mounted in the bearing housing, a turbine wheel arranged on the shaft, and a heat-protection wall which, in the exhaust-gas turbine, defines with the turbine casing an inflow passage leading to the turbine wheel, the heat-protection wall having means for centering the turbine casing relative to the shaft mounted in the bearing housing;

wherein slots are set into the bearing housing for centering the turbine casing via the heat-protection wall and relative to the shaft mounted in the bearing housing, said slots extending radially and are provided for receiving centering lugs attached to the heat-protection wall.

12. - 13. (Canceled)

14. (Previously Presented) A turbine casing for an exhaust-gas turbine, the exhaust-gas turbine having a bearing housing, a shaft rotatably mounted in the bearing housing, a turbine wheel arranged on the shaft, and a heat-protection wall which, in the exhaust-gas turbine, defines with the turbine casing an inflow passage leading to the turbine wheel, the heat-protection wall having means for centering the turbine casing relative to the shaft mounted in the bearing housing,

wherein the turbine casing, for centering the turbine casing via the heat-protection wall and relative to the shaft mounted in the bearing housing, has centering lugs which are provided for engaging in slots which are set into the heat-protection wall.

15. (Previously Presented) A turbine casing for an exhaust-gas turbine, the exhaust-gas turbine having a bearing housing, a shaft rotatably mounted in the bearing housing, a turbine wheel arranged on the shaft, and a heat-protection wall which, in the exhaust-gas turbine, defines with the turbine casing an inflow passage leading to the turbine wheel, the heat-protection wall having means for centering the turbine casing relative to the shaft mounted in the bearing housing;

wherein slots are set into the turbine casing for centering the turbine casing via the heat-protection wall and relative to the shaft mounted in the bearing housing, said slots extending radially and being provided for receiving centering lugs attached to the heat-protection wall.

16. - 17. (Canceled)

18. (Previously Presented) An exhaust-gas turbine having a turbine casing, a shaft rotatably mounted in a bearing housing, a turbine wheel arranged on the shaft, and a heat-protection wall as claimed in claim 4, wherein an encircling edge for resting on an encircling edge of the heat-protection wall is provided on the bearing housing and/or on the turbine casing.

19. (Previously Presented) An exhaust-gas turbine having a turbine casing, a shaft rotatably mounted in a bearing housing, a turbine wheel arranged on the shaft, and a heat-protection wall wherein the heat-protection wall has at least two seatings for centering the turbine casing relative to the shaft, a first seating of the at least two seatings being provided for resting on the bearing housing, and a second seating of

the at least two seatings being provided for resting on the turbine casing, wherein the heat-protection wall has centering lugs either in the region of the first seating or in the region of the second seating, which centering lugs are provided for engaging radially extending slots which are set into either the bearing housing or the turbine casing.

20. (Previously Presented) An exhaust-gas turbine having a turbine casing, a shaft rotatably mounted in a bearing housing, a turbine wheel arranged on the shaft, and a heat-protection wall as claimed in claim 6, wherein the centering lugs which are provided for engaging in the slots which are set into the heat-protection wall are arranged either on the bearing housing or on the turbine casing.